

IN THE CLAIMS

Please replace the claims identified below with the following amended claims:

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2. (Three Times Amended) An apparatus for transmitting spread spectrum data, comprising:

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a modulation means for receiving data and for modulating the received data in accordance with a spread spectrum modulation format;

a scrambling means for scrambling a subset of bits in the modulated data; and

an upconversion means for receiving the modulated data and for upconverting the modulated data for transmission at a random frequency determined in accordance with a selection signal, wherein the selection signal is determined in accordance with the scrambled subset of bits.

5. (Three Times Amended) An apparatus for transmitting spread spectrum data, comprising:

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a modulation means for receiving data and for modulating the received data in accordance with a code channel selection signal;

a scrambling means for scrambling a subset of bits of the modulated data; and

an upconversion means for receiving the modulated data and for upconverting the modulated data for transmission at a frequency determined in accordance with a selection signal, wherein the code channel selection signal is determined in accordance with the scrambled subset of bits.

12. (Twice Amended) An apparatus for transmitting spread spectrum data, comprising:

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a scrambling means for scrambling a first subset of bits and a second subset of bits from received data;

a modulation means for modulating the received data in accordance with a code channel selection signal that is determined in accordance with the scrambled first subset of bits; and

an upconversion means for receiving the modulated data and for upconverting the modulated data for transmission at a frequency determined in accordance with a selection signal that is determined in accordance with the scrambled second subset of bits.

13. (Twice Amended) A method for transmitting data, comprising:
modulating the data;
scrambling a subset of bits of the modulated data;
selecting a carrier frequency in accordance with the modulated, scrambled subset of bits; and
upconverting the modulated data using the selected carrier frequency.

14. (Twice Amended) A method of transmitting data, comprising:
scrambling a subset of bits of the data;
modulating the data in accordance with a code channel selection signal that is determined in accordance with the scrambled subset of bits; and
upconverting the modulated data using a selected carrier frequency.

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15. (Twice Amended) A computer readable medium embodying a method for transmitting data, the method comprising:
modulating the data;
scrambling a subset of bits of the modulated data;
selecting a carrier frequency in accordance with the modulated, scrambled subset of bits [from the data]; and
upconverting the [scrambled] modulated data using the selected carrier frequency.

16. (Twice Amended) A computer readable medium embodying a method for transmitting data, the method comprising:
scrambling a subset of bits of the data;
determining a code channel selection signal in accordance with the scrambled subset of bits;
modulating the data in accordance with the determined code channel selection signal; and

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upconverting the modulated data using a selected carrier frequency.

17. (New) An apparatus for transmitting spread spectrum data, comprising:
a modulator to modulate spread spectrum data having a subset of bits;
a scrambler to receive modulated subset of bits from the modulator and to
scramble the modulated subset of bits to generate scrambled modulated subset of bits;
and
at least one upconverter to receive the scrambled modulated subset of bits and
to output a carrier frequency that changes in accordance with a predetermined pattern,
wherein the predetermined pattern is determined based on the scrambled modulated
subset of bits.

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18. (New) An apparatus for transmitting spread spectrum data, comprising:
a scrambler to scramble a subset of bits of spread spectrum data to generate
scrambled sub set of bits;
a control processor to receive the scrambled subset of bits and to output a
code channel selection signal that is determined in accordance with the scrambled
subset of bits; and
a modulator to modulate the spread spectrum data in accordance with the
code channel selection signal.

19. (New) A method for transmitting data, comprising:
modulating the data;
scrambling a subset of bits of the modulated data;
upconverting a carrier frequency that changes in accordance with a
predetermined pattern, wherein the predetermined pattern is determined by the
scrambled modulated subset of bits